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Typed or Printed Name	Susan M. Alessi		
Signature	<i>Susan Alessi</i>	Date	March 21, 2003
INFORMATION DISCLOSURE STATEMENT Address to: Commissioner for Patents Washington, D.C. 20231	Attorney Docket	RIGL-004CON4	
	First Named Inventor	NOLAN, GARRY	
	Application Number	09/919,635	
	Filing Date	July 31, 2001	
	Group Art Unit	1639	
	Examiner Name	WESSENDORF, TERESA D.	
	Title:	<i>"METHODS FOR SCREENING FOR TRANSDOMINANT INTRACELLULAR EFFECTOR PEPTIDES AND RNA MOLECULES"</i>	

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed **after** three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or **after** the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

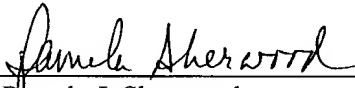
- ☐ All of the references identified herein are being submitted prior to the final determination on patentability by the Office.
- ☐ All of the references identified herein were cited in an International (PCT) Search Report dated *, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.
- ☒ All of the references identified herein were disclosed in parent application Serial No. 09/727,715 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d), except if noted below.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

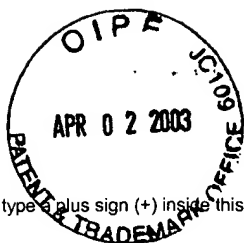
X Please charge the \$180.00 fee required by 37 C.F.R. §1.97(c) and set forth in 37 C.F.R. 1.17(p) and any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to credit any overpayment, to Deposit Account No. 50-0815, order number RIGL-004CON4.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: March 21, 2003

By: 
Pamela J. Sherwood
Registration No. 36,677

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200 Middlefield Road, Suite 200
Menlo Park, CA 94025
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1639

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/919,635	
	Filing Date	July 31, 2001	
	First Named Inventor	NOLAN, GARRY P.	
	Group Art Unit	1639	
	Examiner Name	WESSENDORF, TERESA D.	
Total Number of Pages in This Submission	8	Attorney Docket Number	RIGL-004CON4

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/08A 2. Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Signing Attorney/Agent (Reg. No.)	PAMELA J. SHERWOOD, 36.677 BOZICEVIC, FIELD & FRANCIS LLP
Signature	
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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

Complete if Known

Application Number **09/919,635**
 Filing Date **July 31, 2001**
 First Named Inventor **NOLAN, GARRY P.**
 Examiner Name **WESSENDORF, TERESA D.**
 Art Unit **1639**
 Attorney Docket No. **RIGL-004CON4**

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **180****METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number **50-0815**Deposit Account Name **Bozicevic, Field & Francis LLP****The Commissioner authorized to:** (check all that apply)☒ Charge fees indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fees indicated below, **except for the filing fee** to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Indep. Claims	-3** =	x	=
Multiple Dependent			=

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examination action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1406	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

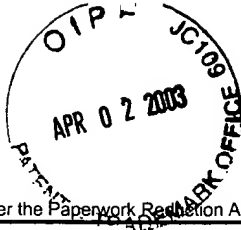
SUBTOTAL (3) (\$) **180****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,677	Telephone	(650) 327-3400
Signature	<i>Pamela Sherwood</i>	Date	03/21/2003		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/919,635	
			Filing Date	July 31, 2001	
			First Named Inventor	NOLAN, GARRY P.	
			Art Unit	1639	
Examiner Name	WESSENDORF, TERESA D.				
Attorney Docket Number	RIGL-004CON4				
Sheet	1	of	3		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		4.618.578		10-1986	Burke <i>et al.</i>	
		5.650.489		07-1997	Lam <i>et al.</i>	
		5.698.396		12-1997	Pfreundschuh <i>et al.</i>	
		5.747.334		05-1998	Kav <i>et al.</i>	
		5.763.192		06-1998	Kauffman <i>et al.</i>	
		5.770.434		06-1998	Huse	
		5.814.476		09-1998	Kauffman <i>et al.</i>	
		5.817.483		10-1998	Kauffman <i>et al.</i>	
		5.824.514		10-1998	Kauffman <i>et al.</i>	
		5.840.479		11-1998	Little <i>et al.</i>	
		5.935.823		08-1999	Fowlkes <i>et al.</i>	
		5.955.275		09-1999	Kamb <i>et al.</i>	
		6.153.380		11-2000	Nolan <i>et al.</i>	
		6.194.544		02-2001	Huffman <i>et al.</i>	

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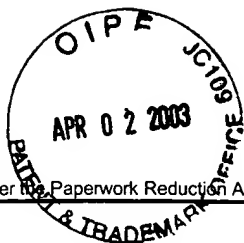
FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ <i>(if known)</i>				
		EP 0 440 146 A2	01-1991	Little <i>et al.</i>		
		EP 0 557 897 A1	09-1993	Dillon <i>et al.</i>		
		WO 93/03143 A1	02-1993	Anderson <i>et al.</i>		
		WO 94/18219 A1	08-1994	Barbas <i>et al.</i>		
		WO 94/20608 A1	09-1994	Hodgeson		
		WO 94/29469 A2	12-1994	Nabel <i>et al.</i>		
		WO 95/11998 A1	05-1995	Wang <i>et al.</i>		

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/919,635
(use as many sheets as necessary)				Filing Date	July 31, 2001
				First Named Inventor	NOLAN, GARRY P.
				Art Unit	1639
				Examiner Name	WESSENDORF, TERESA D.
				Attorney Docket Number	RIGL-004CON4
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
		ATCC catalog Internet printout regarding Cell Line HB-101 (2001)			
		CWIRLA, S. <i>et al.</i> , "Peptides on Phage: A vast library of peptides for identifying ligands" PROC. NATL. ACAD. SCI. USA, Vol. 87, August 1990, pp. 6378-6382.			
		DUBE <i>et al.</i> , "Selection of new biologically active molecules from random nucleotide sequences." Gene Vol. 137, Aug 1993, pp. 41-47.			
		DUEÑAS, M. <i>et al.</i> , "Clonal Selection and Amplification of Phage Displayed Antibodies by Linking Antigen Recognition and Phage and Phage Replication", BIO/TECHNOLOGY, Vol. 12, Oct. 1994, pp. 999-1002.			
		FURKA, A. <i>et al.</i> , "General method for rapid synthesis of multi-component peptide mixtures", INT. J. PEPTIDE PROTEIN RES., 37, 1991 pp. 487-493.			
		GISSEL, B. <i>et al.</i> , "Identification of Avidin and Streptavidin Binding Motifs Among Peptides Selected from a Synthetic Peptide Library Consisting solely of D-Amino Acids", JOURNAL OF PEPTIDE SCIENCE, Vol. 1, 1995, pp. 217-226.			
		HOUGHTEN, R. <i>et al.</i> , "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery" NATURE, Vol. 354, 7 Nov. 1991, pp. 84-86.			
		KARTTUNEN <i>et al.</i> , Detection of rare antigen-presenting cells by the lacZ T-cell activation assay suggests an expression cloning strategy for T-cell antigens. PROC. NATL. ACAD. SCI. USA, Vol. 89, 1992, pp. 6020-6024.			
		KAUFFMAN, S. <i>et al.</i> , "The NK Model of Rugged Fitness Landscapes And Its Application to Maturation of the Immune Response" J. THEOR. BIOL., Vol. 141(2), 1989, pp. 211-245.			
		KAUFFMAN, S. <i>et al.</i> , "Toward a General Theory of Adaptive Walks on Rugged Landscapes", J. THEOR. BIOL. Vol 128(1), 1987, pp. 11-45.			
		LAM, K. <i>et al.</i> , "A new type of synthetic peptide library for identifying ligand-binding activity", NATURE Vol. 354, 7 Nov. 1991, pp. 82-84.			
		LONG, E. <i>et al.</i> , "Invariant Chain Prevents the HLA-DR Restricted Presentation of a Cytosolic Peptide", THE JOURNAL OF IMMUNOLOGY, 153, 1994, pp. 1487-1494.			
		LUND, A. <i>et al.</i> , "Increased cloning efficiency by temperature cycle ligation", NUCLEIC ACIDS RESEARCH, Vol. 24, No. 4, 1996, pp 800-801.			

Examiner Signature		Date Considered	
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(use as many sheets as necessary)				Filing Date	July 31, 2001
Sheet	3	of	3	First Named Inventor	NOLAN, GARRY P.
				Art Unit	1639
				Examiner Name	WESSENDORF, TERESA D.
				Attorney Docket Number	RIGL-004CON4
		MALNATI, M. <i>et al.</i> , "Processing pathways for presentation of cytosolic antigen to MHC class II-restricted T cells", NATURE Vol. 357, 25 June 1992, pp. 702-704.			
		MILLER, A.D. <i>et al.</i> , "Improved Retroviral Vectors for Gene Transfer and Expression", BioTechniques, Vol. 7, No. 9, 1989, pp. 980-990.			
		MURPHY, A. <i>et al.</i> , "pλzd39: A new type of cDNA expression vector for low background, high efficiency directional cloning", NUCLEIC ACIDS RESEARCH, Vol. 19, No. 12, (1991), pp. 3403-3408.			
		ROITT <i>et al.</i> , "Kurztes Lehrbuch der Immunologie, 2. Auflage, p. 86, (1991)			
		ROMPP <i>et al.</i> , "Bd. 5 P1-S-1995, Georg Thieme Verlag Stuttgart, p. 3543 (in German)			
		SCHUMACHER, T <i>et al.</i> , "Synthetic peptide libraries in the determination of T cell epitopes and peptide binding specificity of class I molecules", EUR. J. IMMUNOL. (Germany), Vol. 22 (6), June 1992, pp. 1405-12.			
		SCOTT, J., "Discovering peptide ligands using epitope libraries", TIBS 17, (1992), pp. 241-245.			
		SEED, B. <i>et al.</i> , "Molecular cloning of the CD2 antigen, the T-cell erythrocyte receptor, by a rapid immunoselection procedure", PROC. NATL. ACAD. SCI. USA, Vol. 84, May 1987, pp. 3365-3369.			
		STRYER <i>et al.</i> , "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 53-57 (in German)(published in America in Stryer, (1998), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 50-55			
		STRYER <i>et al.</i> , "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 124-126 (in German)(published in America in Stryer, (1998), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 120-123			
		STRYER <i>et al.</i> , "Biochemie, Heidelberg, Berlin: Spektrum-Verlag, (1994), pp. 807-808 (in German)(published in America in Stryer, (1988), L. Biochemistry 3 rd Ed., New York: W.H. Freeman and Company, pp. 773-775			

Examiner Signature		Date Considered	
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